Title (en)

BATTERY MONITORING SYSTEM AND METHOD

Title (de)

BATTERIEÜBERWACHUNGSSYSTEM UND -VERFAHREN

Title (fr)

PROCEDE ET SYSTEME DE CONTROLE DE BATTERIE

Publication

EP 1579205 A2 20050928 (EN)

Application

EP 03800324 A 20031230

Priority

- US 0341563 W 20031230
- US 43787003 P 20030103

Abstract (en)

[origin: WO2004063738A2] A battery monitoring system includes a component for determining the magnitude of current flowing through a battery cable based on a magnetic field produced by the current. The component is configured to provide an output signal representative of the magnitude of current for use in characterizing the battery. A method for characterizing a battery utilizing a battery monitoring system includes inferring a magnitude of battery current based on a magnetic field generated by current flowing through a battery cable coupled to the battery. The battery monitoring system is adapted to characterize the battery utilizing at least one mathematical construct.

IPC 1-7

G01N 27/416

IPC 8 full level

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